

PROCUREMENT PROCEDURE OF CPRI (NON WORKS)

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 Section : Formats
 Topic : Technical Specifications format

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 FORMAT NO.:CPRI/PUR/CTBID/GTP

Section IV T -Technical Specification
 CENTRAL POWER RESEARCH INSTITUTE, BENGALURI/BHOPAL.

Tender Enquiry No : CPRI/BLR22SCL18M912

Description of the Equipment/Goods/Services : 3.3kV Resin Cast Current Transformer

Note : 1) The technical bid submitted in other than this format is liable to be rejected.

2) All blue fields are mandatorily to be filled in.

Name and address of the bidder

Quotation Number and Date

Sl.No.	Technical Specifications/Parameters	Qty	To be completed by the Bidder		
			Details of guaranteed technical parameters offered by the bidder	Guaranteed Technical Particulars (GTP) Mention Complied/Not Complied	Deviations from GTP
1	Place where equipment /service to be supplied /provided : Short-circuit Laboratory, CPRI, Bengaluru				
2	Scope : Supply	6 nos.			
4	Application : The proposed current transformer is used for asymmetrical short-circuit current measurement up to 80kA rms for 1.0s with maximum initial peak current of 200kA. The CT shall be designed such that its core shall not saturate during flow of short-circuit current and secondary shall reproduce the current according to the specified ratio without getting saturated.				
5	Scope : Scope includes supply at SC lab, CPRI, Bengaluru				
6	Rated voltage : 3.3kV ac				
7	Insulation level : 10kV rms/20kVp				
8	Ratio : 5000-10000/1A				
9	Accuracy class : 5P20				
10	Burden : 50VA				
11	Secondary winding resistance : To be specified by the bidder				
12	Type of construction : Window (ring), Resin-Cast with suitable Aluminium base/mounting plate				
13	Reference standard : IS 16227/IEC 61869				
14	Minimum ID of CT : 200mm				
15	Maximum OD of CT : 600mm				
16	Acceptance criteria : CT selected from the lot will be tested at CPRI at the above specified short-circuit current level at free of cost for the first time. CT shall not saturate during test and secondary shall reproduce the primary current according to the transformation ratio. If the result does not meet the required criteria then whole lot will be rejected.				
17	Warranty : One year from the date of supply				

PN: 1) Mere statement of "Complied" do not suffice the requirement. The details of technical parameters in proof of CPRI requirements shall be furnished along with technical write-up, catalogues, brochures, literatures, phamplates, or any other documents shall be submitted in hard copy along with technical bid.

2) Calibration reports/certificates, factory test reports/certificates from an accredited agencies/facilites shall be submitted wherever applicable.

3) CPRI reserves the right to conduct "predispatch inspection" prior to dispatch at the works of the supplier and the expenditure towards PDI shall be borne by CPRI. However information regarding the rediness of the equipment/machinery for the PDI shall be communicated in writing at lease 70 days in advance.

